

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/31412

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/59; C07C 401/00

US CL : 514/167; 552/653

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/167; 552/653

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
USPATFULL, USPREPUB, INTERNET VIA A9.com

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,665,387 (MATHIEU et al) 09 Septemer 1997 (09.09.1997)	1-159
X	WO 02/094247 A2 (ADORINI et al) 10 May 2002 (10.05.2002), see the entire document, especially lines 4-25 on page 3, lines 6-17 on page 4, examples, figures, and claims.	1-159
X	US 6,492,353 B1 (MANCHAND et al) 10 December 2002 (10.12.2002), see the entire document, especially Formula I in col. 3, lines 55-62 in col. 14, lines 14-63 in col. 15, examples, and claims.	1-159
A	MATHIEU et al. Prevention of autoimmune diabetes in NOD mice by 1,25 dihydroxyvitamin D3. Diabetologia (1994) 37 pages 552-558	1-159



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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document member of the same patent family

Date of the actual completion of the international search

10 December 2004 (10.12.2004)

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Sabiha Qazi

Telephone No. (703) 308-1235